

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048883.D
 Acq On : 15 Dec 2025 17:05
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Dec 16 00:20:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.538	168	157897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	255554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	212833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	87057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99367	46.887	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.780%
35) Dibromofluoromethane	5.373	113	84012	47.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.635	98	304124	49.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.061	95	88996	41.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.680%

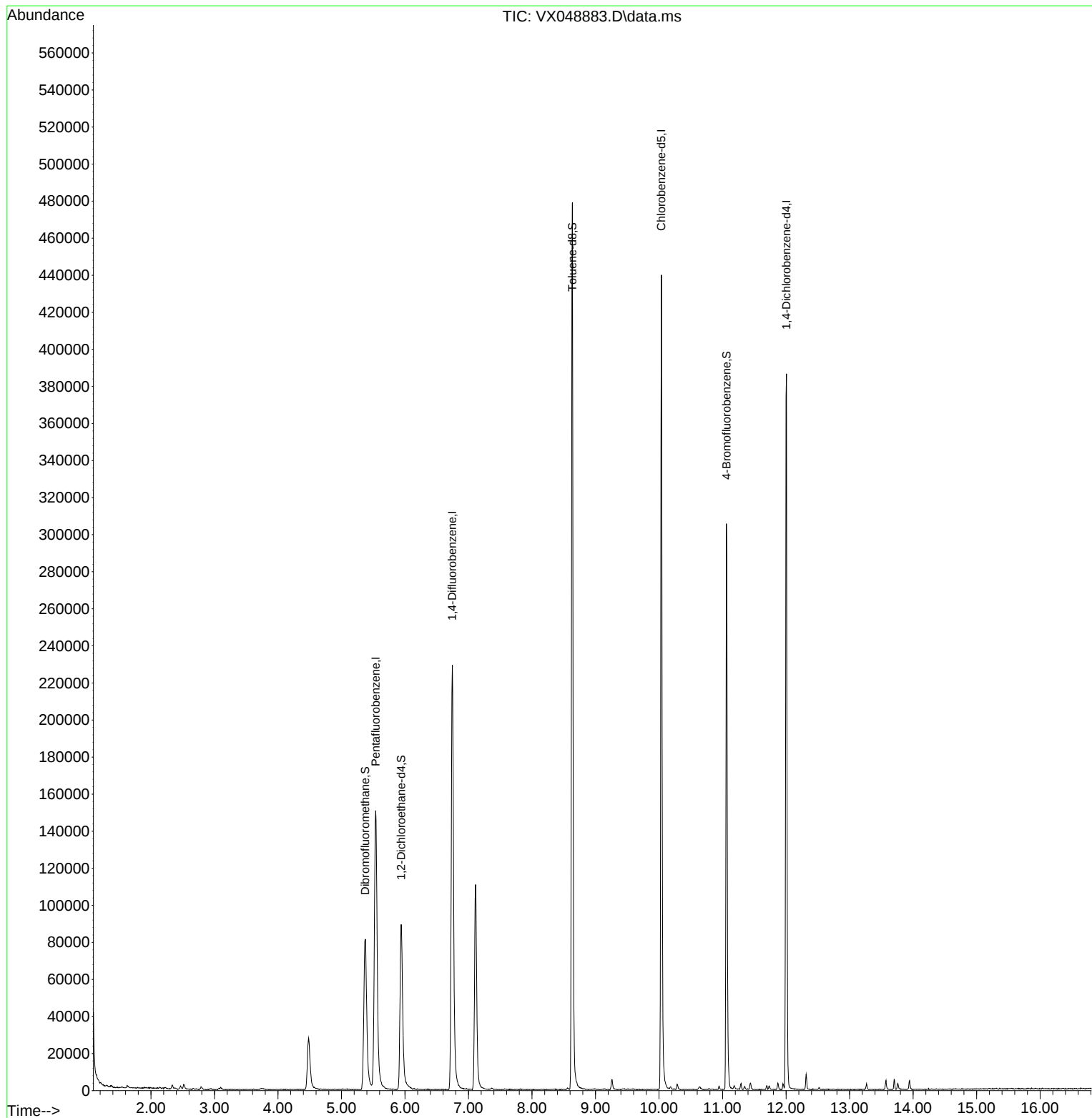
Target Compounds	Qvalue

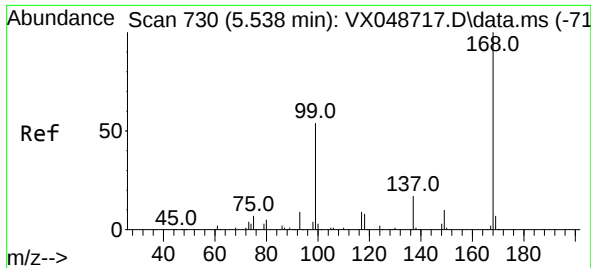
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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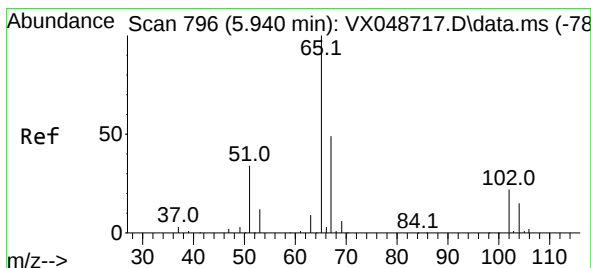
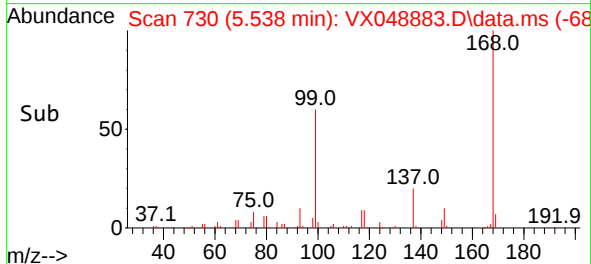
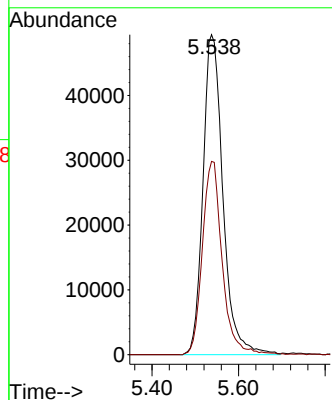
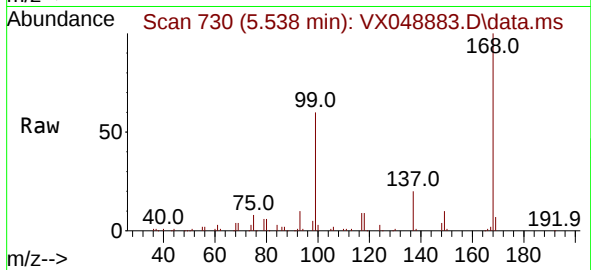




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

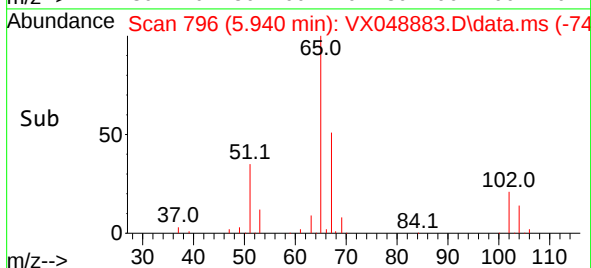
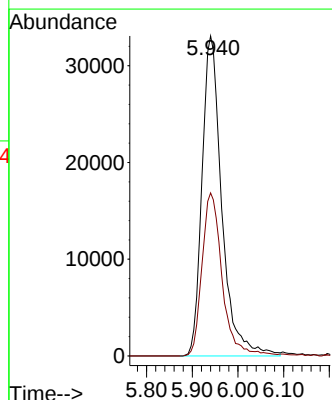
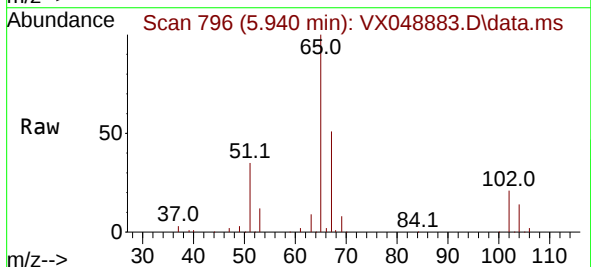
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

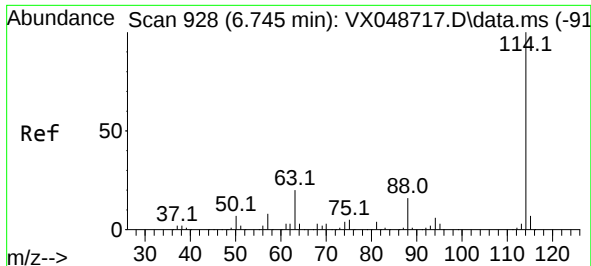
Tgt Ion:168 Resp: 157897
Ion Ratio Lower Upper
168 100
99 60.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.887 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion: 65 Resp: 99367
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

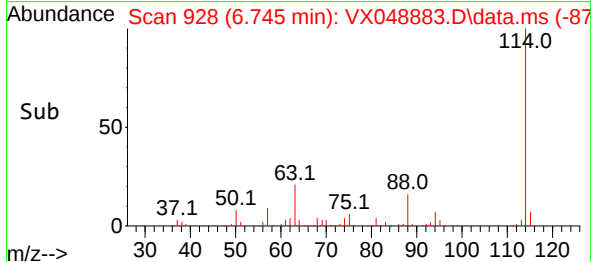
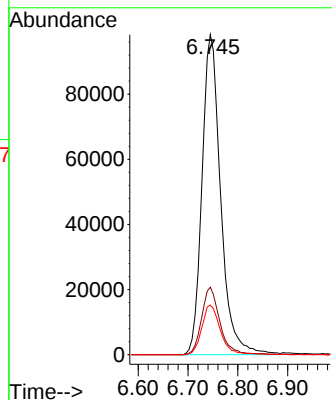
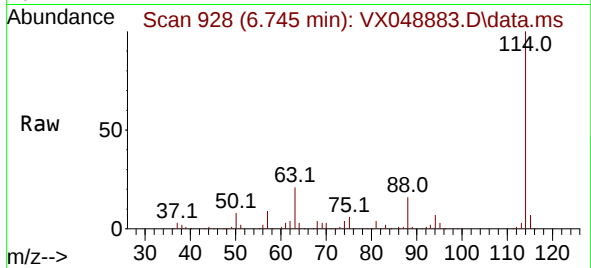




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

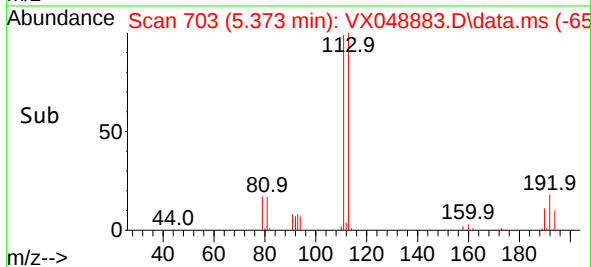
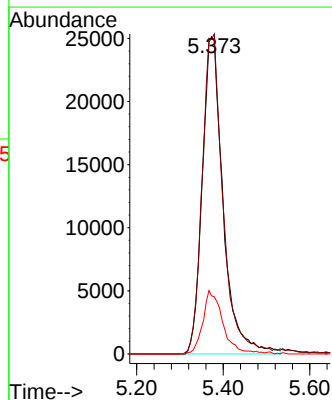
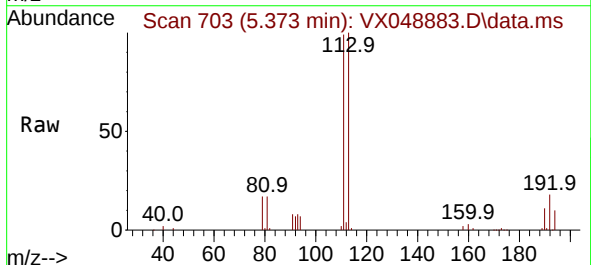
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

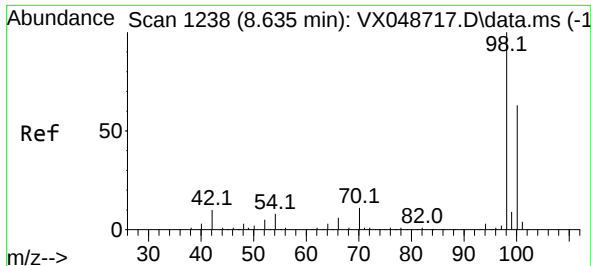
Tgt Ion:114 Resp: 255554
Ion Ratio Lower Upper
114 100
63 21.1 0.0 39.0
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.745 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion:113 Resp: 84012
Ion Ratio Lower Upper
113 100
111 100.1 79.5 119.3
192 19.2 16.1 24.1

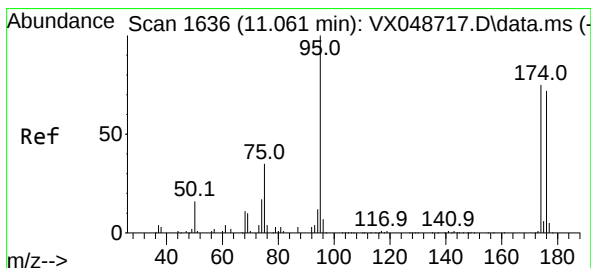
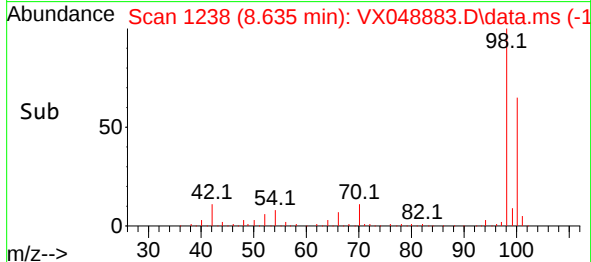
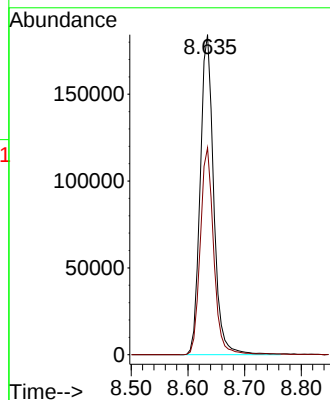
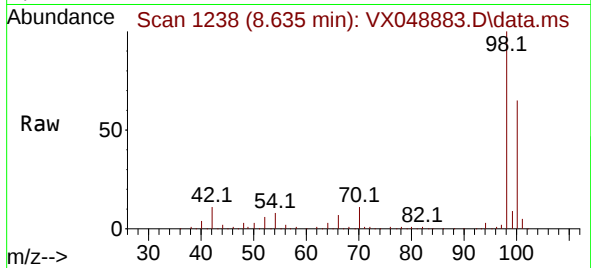




#50
Toluene-d8
Concen: 49.307 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

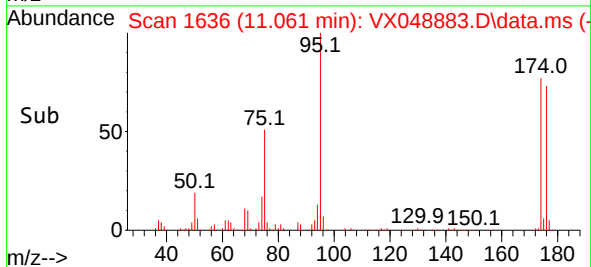
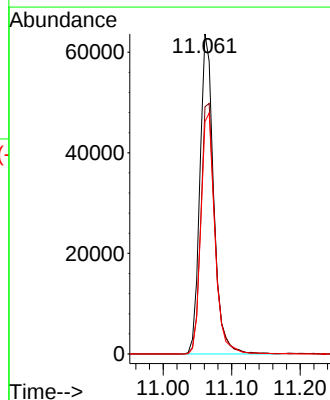
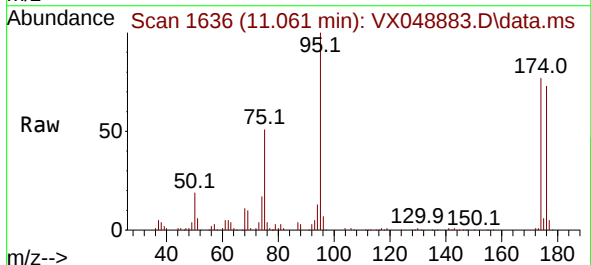
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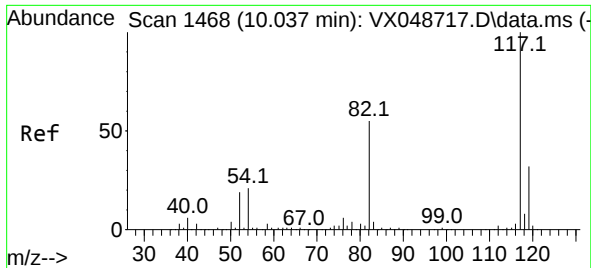
Tgt Ion: 98 Resp: 304124
Ion Ratio Lower Upper
98 100
100 64.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 41.843 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion: 95 Resp: 88996
Ion Ratio Lower Upper
95 100
174 80.4 0.0 157.8
176 76.7 0.0 154.0

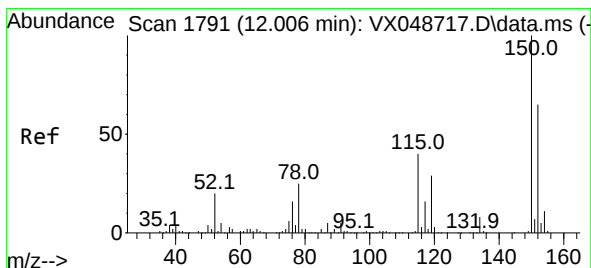
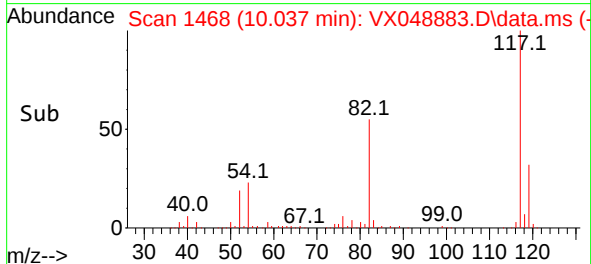
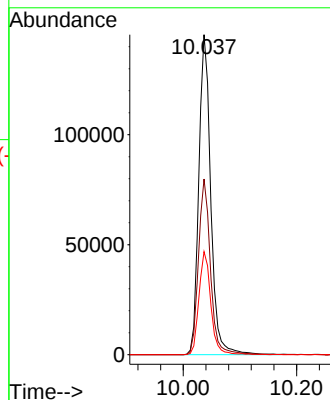
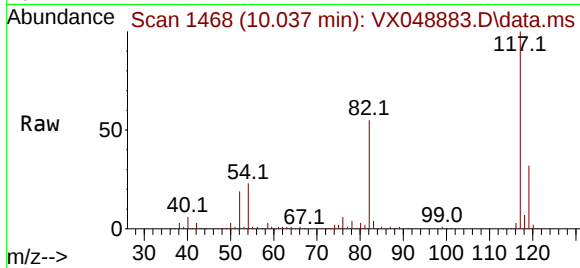




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 212833
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048883.D
Acq: 15 Dec 2025 17:05

Tgt Ion:152 Resp: 87057
Ion Ratio Lower Upper
152 100
115 60.1 42.1 126.4
150 155.6 0.0 347.8

